

Recombinant Mouse Sftpd protein, His-tagged

Cat. No. Sftpd-5767M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sftpd aa. (Gly45~Pro221 (Accession # P50404)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly45~Pro221
Form	Freeze-dried powder
Molecular Mass	20&21kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 5% sarcosyl.
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Reconstitution	Reconstitute in sterile ddH ₂ O.
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GENE INFORMATION

Gene Name	Sftpd surfactant associated protein D [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Sftpd
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Synonyms	Sftpd; surfactant associated protein D; SP-D; Sfpd; Sftp4; AI573415; pulmonary surfactant-associated protein D; PSP-D; lung surfactant protein D
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Gene ID	20390
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mRNA Refseq	NM_009160.2
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Protein Refseq	NP_033186.1
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UniProt ID	P50404
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